

ABSTRACT

A picture coding apparatus (300) includes a motion vector estimation unit (302) and a motion compensation unit (303). The motion vector estimation unit (302) selects one method for
5 deriving a motion vector of a block to be motion-compensated, depending on a motion vector of a block located in a corner of a decoded macroblock from among a group of blocks that compose the decoded macroblock corresponding to the current macroblock to be coded and determines the motion vector derived by the
10 selected method for derivation to be a candidate of the motion vector of the current macroblock to be coded. The motion compensation unit (303) generates a predictive image of the block to be motion-compensated based on the estimated motion vector.